

**IN THE CLAIMS:**

1. (Currently Amended) In a computer system having input means for entering data, a plurality of objects to form an object list, and commands into said system by a system user, an operator display module for displaying information to said user, a memory for storing said data and commands, and processing means for performing processing operations in response to the entry of said data and said commands by said user, a method of generating a display on said operator display module comprising the steps in sequence of:

- (a) entering a command into said system by said user to display a form;
- (b) in response to said command, said processing means obtaining said object list, corresponding to said form, from said memory;
- (c) in response to said command, said processing means, automatically assigning one of a plurality of tiles to each one of said objects, in said object list, in the following manner: at least one of said tiles being assigned to a group of said objects, and at least a second of said tiles being assigned to a single one of said objects; and
- (d) said processing means, displaying said tiles on said operator display module;
- (e) receiving a manually input object in a cell of a yet another one of said first tiles of the first form from said user;
- (f) receiving a second command in said system from said user to display a second form having associated second tiles;
- (g) in response to said second command, obtaining a second object list, corresponding to said second form, from said memory;
- (h) in response to said second command, said processing means automatically associating said second tiles and said manually input object in said second object list; and
- (i) in response to said second command, said processing means, displaying those of said second tiles on said operator display module that are associated with said manually input object received from said user, while automatically refraining from displaying those of said second tiles on said operator display module that are not associated with said manually input object.

2. (Original) The method of claim 1 wherein said step (d) comprises the steps in sequence, using said processing means, of:

- i) moving a draw point to a home position of said operator display module;
- ii) drawing a tile of at least one object if there is an object to be drawn;
- iii) moving said draw point to a next position of said operator display module;

and

iv) repeating steps ii) through iii) until said tiles for all of said objects in said object list have been drawn or until a display area of said operator display module has been filled.

3. (Previously Presented) The method of claim 1 further comprising the steps, in sequence, between steps (b) and (c), using said processing means, of:

(b1) in response to said command, automatically eliminating an object from said object list if said object is not currently monitored by said system;

(b2) in response to said command, automatically obtaining a prioritization list from said memory; and

(b3) in response to said command, automatically arranging said objects according to said prioritization list.

4. (Previously Presented) The method of claim 1 wherein in step (c) at least one of said tiles comprises a text region and a data region.

5. (Original) The method of claim 1 wherein at least one of said tiles comprises a definition comprising:

- a physical size and shape of said at least one tile;
- an information display rule;
- an access table for identifying system users who are granted access to said at least one tile;
- a tile name; and
- a storage area for retaining the respective times of entries and identification of a system user making said entries of objects into one or more regions of said at least one tile.

6. (Currently Amended) The method of claim 1 wherein in step (c) one of said tiles has associated with it a plurality of regions, at least one of said regions comprising content, said method further comprising the step of:

(j) ~~(e)~~ entering a command into said system by said user to display the content of said at least one region; and

(k) ~~(f)~~ using said processing means, displaying a pop-up menu corresponding to said at least one region of said one tile on said operator display module.

7. (Previously Presented) In a computer system having input means for enabling entry of data, a plurality of objects to form an object list, and commands into said system by a system user, an operator display module for displaying information to said user, a memory for storing said data and commands, and processing means for performing processing operations in response to the entry of said data and said commands by said user, a method of generating a display on said operator display module comprising the steps in sequence of:

- (a) receiving a command in said system from said user to display a form;
- (b) in response to said command, said processing means obtaining said object list, corresponding to said form, from said memory;
- (c) in response to said command, said processing means, automatically eliminating an object from said object list if said object is not a monitored object;
- (d) in response to said command, said processing means, automatically obtaining a prioritization list, corresponding to said form, from said memory;
- (e) in response to said command, said processing means, automatically prioritizing said object list according to said prioritization list;
- (f) in response to said command, said processing means, automatically associating one of a plurality of tiles with each one of said objects to be displayed in said object list, in the following manner: at least one of said tiles being associated with a group of said objects, and at least a second of said tiles being associated with a single one of said objects; and
- (g) said processing means, displaying said tiles on said operator display module.

8. (Original) The method of claim 7 where step (g) comprises the steps in sequence, using said processing means, of:

- i) moving a draw point to a home position of said operator display module;
- ii) drawing a tile of at least one object if there is an object to be drawn;
- iii) moving said draw point to a next position of said operator display module;

and

iv) repeating steps ii) through iii) until said tiles for all of said objects in said object list have been drawn or until a display area of said operator display module has been filled.

9. (Previously Presented) The method of claim 7 wherein in step (f) at least one of said tiles comprises a text region and a data region.

10. (Original) The method of claim 7 wherein at least one of said tiles comprises a definition comprising:

- a physical size and shape of said at least one tile;
- an information display rule;
- an access table for identifying system users who are granted access to said at least one tile;
- a tile name; and
- a storage area for retaining the respective times of entries and identification of a system user making said entries of objects into one or more regions of said at least one tile.

11. (Previously Presented) The method of claim 7 wherein in step (f) one of said tiles has associated with it a plurality of regions, at least one of said regions comprising content, said method further comprising the step of:

(e) entering a command into said system by said user to display the content of said at least one region; and

(f) using said processing means, displaying a pop-up menu corresponding to said at least one region of said one tile on said operator display module.

12. (Previously Presented) The method of claim 1 wherein step (d) further comprises the step of, in response to said command, said processing means automatically refraining from displaying on said operator display module at least one of said tiles that is without any of said objects.

13. (Canceled)

14. (Previously Presented) The method of claim 1 wherein said input means comprises a keyboard, mouse, trackball, joy stick, roller ball, or touch sensitive screen.

15. (Previously Presented) The method of claim 1 wherein said objects are text, numerals, or a combination thereof.

16. (Previously Presented) The method of claim 1 wherein at least one of said objects comprises at least one of the following: a heart rate, a blood pressure, a temperature, and a respiration rate.

17. (Previously Presented) The method of claim 1 wherein at least one of said tiles is a window.

18. (Previously Presented) The method of claim 1 wherein said operator display module is a cathode ray tube or a flat panel display.

19. (Previously Presented) The method of claim 12 wherein a shape associated with said form displayed on said operator display module is based upon said displayed tiles as well as those of said tiles that are not displayed for lack of any of said objects.

20. (Previously Presented) The method of claim 1 wherein each of said tiles has a definable corresponding size and shape.

21. (Previously Presented) The method of claim 1 wherein each of said tiles has an identifier with which it can be referenced, said identifier being one of the following: a name and a number.

22. (Previously Presented) The method of claim 1 further comprising the step of enabling a security measure by the steps of:

enabling said user to enter data in a first cell of said form; and  
preventing said user from entering data in a second cell of said form.

23. (Previously Presented) The method of claim 1 further comprising the steps of:

receiving data in a first cell of said form; and  
in response to receiving said data in said first cell, said processing means automatically recording an identity of said user that entered said data.

24. (Previously Presented) The method of claim 1 further comprising the steps of:

receiving data in a first cell of said form; and  
in response to receiving said data in said first cell, said processing means automatically recording a time when said user entered said data.

25. (Previously Presented) The method of claim 1 further comprising the steps of:

receiving new data in a first cell of said form that changes original data in said first cell; and  
retaining said original data along with said new data.

26. (Previously Presented) The method of claim 25 further comprising the steps of:

displaying said new data and said original data; and  
visually distinguishing said new data and said original data with at least one of the following: a marker, color difference, and flashing display.

27. (Previously Presented) The method of claim 1 further comprising the steps of:

receiving data in a first cell of said form;

in response to receiving said data in said first cell, said processing means automatically performing a data integrity check upon said data to determine if said data is outside a range; and

alerting said user of an error based upon said data integrity check.

28. (Previously Presented) The method of claim 1 further comprising the steps of:

receiving a command from said user to select a first cell; and

displaying a menu of possible actions that may be undertaken in said first cell.

29. (Previously Presented) The method of claim 28 wherein said possible actions comprise at least one of the following: making an entry into said first cell, changing data in said first cell, and showing details associated with said first cell.



30. (Previously Presented) In a computer system having input means for enabling entry of data, a plurality of objects to form an object list, and commands into said system by a system user, an operator display module for displaying information to said user, a memory for storing said data and commands, and processing means for performing processing operations in response to the entry of said data and said commands by said user, a method of generating a display on said operator display module comprising the steps in sequence of:

(a) receiving a command in said system from said user to display a form, said form having a plurality of tiles, each of the tiles having at least one cell capable of facilitating entry of an object by the system user;

(b) in response to said command, said processing means obtaining said object list, corresponding to said form, from said memory;

(c) in response to said command, said processing means, automatically associating one of said plurality of tiles with each one of said objects in said object list, in the following manner: at least a first one of said tiles being associated with a group of said objects, and at least a second one of said tiles being associated with a single one of said objects;

(d) in response to said command, said processing means, displaying said tiles on said operator display module that contain objects and automatically refraining from displaying on said operator display module at least one of said tiles that is without any of said objects.

31. (Previously Presented) The method of claim 30 wherein said input means comprises a keyboard, mouse, trackball, joy stick, roller ball, or touch sensitive screen.

32. (Previously Presented) The method of claim 30 wherein said objects correspond to text, numerals, or a combination thereof.

33. (Previously Presented) The method of claim 30 wherein at least one of said objects comprises a vital sign.

34. (Previously Presented) The method of claim 30 wherein at least one of said objects comprises lab information.

35. (Previously Presented) The method of claim 30 wherein at least one of said objects comprises at least one of the following: a heart rate, a blood pressure, a temperature, and a respiration rate.

36. (Previously Presented) The method of claim 30 wherein at least one of said tiles is a window to be displayed.

37. (Previously Presented) The method of claim 30 wherein said operator display module is a cathode ray tube or a flat panel display.

38. (Previously Presented) The method of claim 30 wherein a shape associated with said form displayed on said operator display module is based upon said displayed tiles as well as those of said tiles that are not displayed for lack of any of said objects.

39. (Previously Presented) The method of claim 30 wherein each of said tiles has a definable corresponding size and shape.

40. (Previously Presented) The method of claim 30 wherein each of said tiles has an identifier with which it can be referenced, said identifier being one of the following: a name and a number.

41. (Previously Presented) The method of claim 30 further comprising the steps of:

enabling said user to enter data in a first cell of said form; and  
preventing said user from entering data in a second cell of said form.

42. (Previously Presented) The method of claim 30 further comprising the steps of:

receiving data in a first cell of said form; and  
in response to receiving said data in said first cell, said processing means automatically recording an identity of said user that entered said data.

43. (Previously Presented) The method of claim 30 further comprising the steps of:

receiving data in a first cell of said form; and  
in response to receiving said data in said first cell, said processing means automatically recording a time when said user entered said data.

44. (Previously Presented) The method of claim 30 further comprising the steps of:

receiving new data in a first cell of said form that changes original data in said first cell; and  
retaining said original data along with said new data.

45. (Previously Presented) The method of claim 44 further comprising the steps of:

displaying said new data and said original data; and  
visually distinguishing said new data and said original data with at least one of the following: a marker, color difference, and flashing display.

46. (Previously Presented) The method of claim 30 further comprising the steps of:

receiving data in a first cell of said form;  
in response to receiving said data in said first cell, said processing means automatically performing a data integrity check upon said data to determine if said data is outside a range; and  
alerting said user of an error based upon said data integrity check.

47. (Previously Presented) The method of claim 30 further comprising the steps of:

receiving a command from said user to select a first cell; and  
displaying a menu of possible actions that may be undertaken in connection with said first cell.

48. (Previously Presented) The method of claim 47 wherein said possible actions comprise at least one of the following: making an entry into said first cell, changing data in said first cell, and showing details associated with said first cell.

49. (Previously Presented) In a computer system having input means for enabling entry of data, a plurality of objects to form an object list, and commands into said system by a system user, an operator display module for displaying information to said user, a memory for storing said data and commands, and processing means for performing processing operations in response to the entry of said data and said commands by said user, a method of generating a display on said operator display module comprising the steps of:

(1) the steps in sequence of:

(a) receiving a command in said system from said user to display a first form, said first form having a plurality of first tiles, each of the first tiles having at least one cell capable of facilitating entry of an object by the system user;

(b) in response to said command, said processing means obtaining a first object list, corresponding to said first form, from said memory;

(c) in response to said command, said processing means, automatically associating one of said plurality of first tiles with each one of said objects in said first object list, in at least the following manner: at least one of said first tiles being associated with a group of said objects, and at least another one of said first tiles being associated with a single one of said objects;

(d) said processing means, displaying said first tiles on said operator display module that contain objects; and

(2) the further steps of:

(i) receiving a manually input object from said user in a cell of one of said displayed first tiles of the first form and a second command to display a second form, said manually input object being associated with said second form; and

(ii) in response to said second command, said processing means, displaying on said operator display module said second form with said manually input object and those tiles associated with said manually input object, while automatically refraining from displaying on said operator display module any tiles that are not associated with said manually input object.

50. (Previously Presented) The method of claim 49 wherein said input means comprises a keyboard, mouse, trackball, joy stick, roller ball, or touch sensitive screen.

51. (Previously Presented) The method of claim 49 wherein said objects correspond to text, numerals, or a combination thereof.

52. (Previously Presented) The method of claim 49 wherein at least one of said objects comprises a vital sign.

53. (Previously Presented) The method of claim 49 wherein at least one of said objects comprises lab information.

54. (Previously Presented) The method of claim 49 wherein at least one of said objects comprises at least one of the following: a heart rate, a blood pressure, a temperature, and a respiration rate.

55. (Previously Presented) The method of claim 49 wherein at least one of said tiles is a window to be displayed.

56. (Previously Presented) The method of claim 49 wherein said operator display module comprises a cathode ray tube or a flat panel display.

57. (Previously Presented) The method of claim 49 wherein a shape associated with said form displayed on said operator display module is based upon said displayed tiles as well as those of said tiles that are not displayed for lack of any of said objects.

58. (Previously Presented) The method of claim 49 wherein each of said tiles has a definable corresponding size and shape.

59. (Previously Presented) The method of claim 49 wherein each of said tiles has an identifier with which it can be referenced, said identifier being one of the following: a name and a number.

60. (Previously Presented) The method of claim 49 further comprising the steps of:

enabling said user to enter data in a first cell of said form; and  
preventing said user from entering data in a second cell of said form.

61. (Previously Presented) The method of claim 49 further comprising the steps of:

receiving data in a first cell of said form; and  
in response to receiving said data in said first cell, said processing means automatically recording an identity of said user that entered said data.

62. (Previously Presented) The method of claim 49 further comprising the steps of:

receiving data in a first cell of said form; and  
in response to receiving said data in said first cell, said processing means automatically recording a time when said user entered said data.

63. (Previously Presented) The method of claim 49 further comprising the steps of:

receiving new data in a first cell of said form that changes original data in said first cell; and  
retaining said original data along with said new data.

64. (Previously Presented) The method of claim 63 further comprising the steps of:

displaying said new data and said original data; and  
visually distinguishing said new data and said original data with at least one of the following: a marker, color difference, and flashing display.

65. (Previously Presented) The method of claim 49 further comprising the steps of:

receiving data in a first cell of said form;

in response to receiving said data in said first cell, said processing means automatically performing a data integrity check upon said data to determine if said data is outside a range; and

alerting said user of an error based upon said data integrity check.

66. (Previously Presented) The method of claim 49 further comprising the steps of:

receiving a command from said user to select a first cell; and

displaying a menu of possible actions that may be undertaken in connection with said first cell.

67. (Previously Presented) The method of claim 66 wherein said possible actions comprise at least one of the following: making an entry into said first cell, changing data in said first cell, and showing details associated with said first cell.



68. (Currently Amended) In a computer system having (a) input means for enabling entry of data and commands into said system by a system user, said data including a plurality of objects to form an object list, (b) an operator display module for displaying information to said user, (c) a memory for storing said data and commands, and (d) processing means for performing processing operations in response to said entry of said data and said commands by said user, a method of generating a display on said operator display module, comprising the steps in sequence of:

- (1) receiving a command in said system from said user to display a form;
- (2) in response to said command, said processing means obtaining said object list, corresponding to said form, from said memory;
- (3) in response to said command, the processing means, automatically associating each one of said objects in said object list with one of a plurality of tiles in the following manner:
  - (i) a group of objects comprising some but not all of said objects in said object list is associated with a first tile; and
  - (ii) an object in said object list that is not a part of said group of objects is associated with a second tile; and
- (4) the processing means, displaying said tiles on said operator display module, wherein, in response to said command, the processing means automatically refrains from displaying on said operator display module at least one of said tiles that is without any of said objects.

69. (Previously Presented) The method of claim 68, wherein the step (3) of associating further comprises the step of (iii) associating at least one other object, in addition to said object, in said object list that is not a part of the said group with said second tile.

70. (Canceled)

71. (Previously Presented) The method of claim 68 wherein said input means comprises a keyboard, mouse, trackball, joy stick, roller ball, or touch sensitive screen.

72. (Previously Presented) The method of claim 68 wherein said objects correspond to text, numerals, or a combination thereof.

73. (Previously Presented) The method of claim 68 wherein at least one of said objects comprises a vital sign.

74. (Previously Presented) The method of claim 68 wherein at least one of said objects comprises lab information.

75. (Previously Presented) The method of claim 68 wherein at least one of said objects comprises at least one of the following: a heart rate, a blood pressure, a temperature, and a respiration rate.

76. (Previously Presented) The method of claim 68 wherein at least one of said tiles is a window to be displayed.

77. (Previously Presented) The method of claim 68 wherein said operator display module is a cathode ray tube or a flat panel display.

78. (Previously Presented) The method of claim 68 wherein a shape associated with said form displayed on said operator display module is based upon said displayed tiles as well as those of said tiles that are not displayed for lack of any of said objects.

79. (Previously Presented) The method of claim 68 wherein each of said tiles has a definable corresponding size and shape.

80. (Previously Presented) The method of claim 68 wherein each of said tiles has an identifier with which it can be referenced, said identifier being one of the following: a name and a number.

81. (Previously Presented) The method of claim 68 further comprising the steps of:

enabling said user to enter data in a first cell of said form; and  
preventing said user from entering data in a second cell of said form.

82. (Previously Presented) The method of claim 68 further comprising the steps of:

receiving data in a first cell of said form; and  
in response to receiving said data in said first cell, said processing means automatically recording an identity of said user that entered said data.

83. (Previously Presented) The method of claim 68 further comprising the steps of:

receiving data in a first cell of said form; and  
in response to receiving said data in said first cell, said processing means automatically recording a time when said user entered said data.

84. (Previously Presented) The method of claim 68 further comprising the steps of:

receiving new data in a first cell of said form that changes original data in said first cell; and  
retaining said original data along with said new data.

85. (Previously Presented) The method of claim 84 further comprising the steps of:

displaying said new data and said original data; and  
visually distinguishing said new data and said original data with at least one of the following: a marker, color difference, and flashing display.

86. (Previously Presented) The method of claim 68 further comprising the steps of:

receiving data in a first cell of said form;

in response to receiving said data in said first cell, said processing means automatically performing a data integrity check upon said data to determine if said data is outside a range; and

alerting said user of an error based upon said data integrity check.

87. (Previously Presented) The method of claim 68 further comprising the steps of:

receiving a command from said user to select a first cell; and

displaying a menu of possible actions that may be undertaken in connection with said first cell.

88. (Previously Presented) The method of claim 87 wherein said possible actions comprise at least one of the following: making an entry into said first cell, changing data in said first cell, and showing details associated with said first cell.

89. (Currently Amended) A computer system, comprising:

(a) input means for enabling entry of data and commands into said system by a system user, said data including a plurality of objects forming an object list;

(b) display means for displaying information to said user;

(c) memory means for storing said data and said commands;

(d) processing means for performing processing operations in response to the entry of said data and said commands by said user, said processing means for generating a display on said operator display module;

(e) means, stored in said memory and to be executed by said processing means, for receiving a command from said user to display a form;

(f) means, stored in said memory and to be executed by said processing means, for, in response to said command, obtaining said object list, corresponding to said form, from said memory;

(g) means, stored in said memory and to be executed by said processing means, for, in response to said command, automatically associating one of a plurality of tiles with each one of said objects in said object list, in at least the following manner:

(1) for associating at least a first one of said tiles to a group of said objects; and

(2) for associating at least a second one of said tiles to a single one of said objects; and

(h) means, stored in said memory and to be executed by said processing means, for displaying said first and second tiles on said operator display module;

(i) means, stored in said memory and to be executed by said processing means, for, in response to said command, automatically eliminating an object from said object list if said object is not currently monitored by said system;

(j) means, stored in said memory and to be executed by said processing means, for, in response to said command, automatically objecting a prioritization list from said memory; and

(k) means, stored in said memory and to be executed by said processing means, for, in response to said command, automatically arranging said objects according to said prioritization list.

90. (Previously Presented) The system of claim 89 wherein said means (h) further comprises:

(i) means for moving a draw point to a home position of said operator display module;

(ii) means for drawing a tile of at least one object if there is an object to be drawn;

(iii) means for moving said draw point to a next position of said operator display module; and

(iv) means for repeating steps (ii) through (iii) until said tiles for all of said objects in said object list have been drawn or until a display area of said operator display module has been filled.

91. (Canceled)

92. (Previously Presented) The system of claim 89 wherein at least one tile comprises a text means and a data means.

93. (Previously Presented) The system of claim 89 wherein at least one of said tiles comprises a definition means comprising:

means for defining a physical size and shape of said at least one tile;

means for defining an information display rule;

means for defining an access table for identifying system users who are granted access to said at least one tile;

means for defining a tile name; and

a storage means for retaining the respective times of entries and identification of a system user making said entries of objects into one or more regions of said at least one tile.

94. (Currently Amended) The system of claim 89 wherein one of said tiles has associated with it a plurality of regions, at least one of said regions comprising content, and further comprising:

(l) (i) means, stored in said memory and to be executed by said processing means, for receiving a command to display the content of said at least one region; and

(m) (j) means, stored in said memory and to be executed by said processing means, for displaying a pop-up menu corresponding to said at least one region of said one tile on said operator display module.

95. (Previously Presented) The system of claim 89 further comprising means, stored in said memory and to be executed by said processing means, for, in response to said command, automatically refraining from displaying on said operator display module at least one of said tiles that is without any of said objects.

96. (Previously Presented) The system of claim 89 wherein said input means comprises a keyboard, mouse, trackball, joy stick, roller ball, or touch sensitive screen.

97. (Previously Presented) The system of claim 89 wherein said objects are text, numerals, or a combination thereof.

98. (Previously Presented) The method of claim 89 wherein at least one of said objects comprises a vital sign.

99. (Previously Presented) The method of claim 89 wherein at least one of said objects comprises lab information.

100. (Previously Presented) The system of claim 89 wherein at least one of said objects comprises at least one of the following: a heart rate, a blood pressure, a temperature, and a respiration rate.

101. (Previously Presented) The system of claim 89 wherein at least one of said tiles is a window.

102. (Previously Presented) The system of claim 89 wherein said operator display means comprises a cathode ray tube or a flat panel display.

103. (Previously Presented) The system of claim 89 wherein a shape associated with said form displayed on said operator display module is based upon said displayed tiles as well as those of said tiles that are not displayed for lack of any of said objects.

104. (Previously Presented) The system of claim 89 wherein each of said tiles has a definable corresponding size and shape.

105. (Previously Presented) The system of claim 89 wherein each of said tiles has an identifier with which it can be referenced, said identifier being one of the following: a name and a number.

106. (Currently Amended) The system of claim 89 further comprising:

(l) ~~(i)~~ means, stored in said memory and to be executed by said processing means, for enabling said user to enter data in a first cell of said form; and

(m) ~~(j)~~ means, stored in said memory and to be executed by said processing means, for preventing said user from entering data in a second cell of said form

107. (Currently Amended) The system of claim 89 further comprising:

(l) ~~(i)~~ means, stored in said memory and to be executed by said processing means, for receiving data in a first cell of said form; and

(m) ~~(j)~~ means, stored in said memory and to be executed by said processing means, for, in response to receiving said data in said first cell, automatically recording an identity of said user that entered said data.



108. (Currently Amended) The system of claim 89 further comprising the steps of:

(l) ~~(i)~~ means, stored in said memory and to be executed by said processing means, for receiving data in a first cell of said form; and

(m) ~~(j)~~ means, stored in said memory and to be executed by said processing means, for, in response to receiving said data in said first cell, automatically recording a time when said user entered said data.

109. (Currently Amended) The system of claim 89 further comprising:

(l) ~~(i)~~ means, stored in said memory and to be executed by said processing means, for receiving new data in a first cell of said form that changes original data in said first cell; and

(m) ~~(j)~~ means, stored in said memory and to be executed by said processing means, for retaining said original data along with said new data.

110. (Currently Amended) The system of claim 109 further comprising:

(n) ~~(k)~~ means, stored in said memory and to be executed by said processing means, for displaying said new data and said original data; and

(o) ~~(l)~~ means, stored in said memory and to be executed by said processing means, for visually distinguishing said new data and said original data with at least one of the following: a marker, color difference, and flashing display.

111. (Currently Amended) The system of claim 89 further comprising:

(l) ~~(i)~~ means, stored in said memory and to be executed by said processing means, for receiving data in a first cell of said form;

(m) ~~(j)~~ means, stored in said memory and to be executed by said processing means, for, in response to receiving said data in said first cell, automatically performing a data integrity check upon said data to determine if said data is outside a range; and

(n) ~~(k)~~ means, stored in said memory and to be executed by said processing means, for alerting said user of an error based upon said data integrity check.

112. (Currently Amended) The system of claim 89 further comprising:

(l) ~~(i)~~ means, stored in said memory and to be executed by said processing means, for receiving a command from said user to select a first cell; and

(m) ~~(j)~~ means, stored in said memory and to be executed by said processing means, for displaying a menu of possible actions that may be undertaken in said first cell.

113. (Previously Presented) The system of claim 112 wherein said possible actions comprise at least one of the following: making an entry into said first cell, changing data in said first cell, and showing details associated with said first cell.

114. (Currently Amended) A computer system, comprising:

(a) an input device designed to enable entry of data and commands into said system by a system user, said data including a plurality of objects forming an object list;

(b) a display designed to display information to said user;

(c) a memory designed to store said data and said commands;

(d) a processor designed to perform processing operations in response to entry of said data and said commands by said user, said processor programmed to perform the steps in sequence of:

(1) receiving a command from said user to display a form;

(2) in response to said command, obtaining said object list, corresponding to said form, from said memory;

(3) in response to said command, automatically associating one of a plurality of tiles with each one of said objects in said object list, in at least the following manner: associating at least a first one of said tiles to a group of said objects; and associating at least a second one of said tiles to a single one of said objects; and

(4) displaying said first and second tiles on said operator display module, wherein said processor is programmed to perform, in response to said command, automatically refraining from displaying on said display module at least one of said tiles that is without any of said objects.

115. (Canceled)

116. (Previously Presented) The computer system of claim 114 wherein said input device comprises a keyboard, mouse, trackball, joy stick, roller ball, or touch sensitive screen.

117. (Previously Presented) The computer system of claim 114 wherein said objects correspond to text, numerals, or a combination thereof.

118. (Previously Presented) The computer system of claim 114 wherein at least one of said objects comprises at least one of the following: a heart rate, a blood pressure, a temperature, and a respiration rate.

119. (Previously Presented) The computer system of claim 114 wherein at least one of said tiles is a window to be displayed.

120. (Previously Presented) The computer system of claim 114 wherein said display is a cathode ray tube or a flat panel display.

121. (Previously Presented) The computer system of claim 114 wherein a shape associated with said form displayed on said display is based upon said displayed tiles as well as those of said tiles that are not displayed for lack of any of said objects.

122. (Previously Presented) The computer system of claim 114 wherein each of said tiles has a definable corresponding size and shape.

123. (Previously Presented) The computer system of claim 114 wherein each of said tiles has an identifier with which it can be referenced, said identifier being one of the following: a name and a number.

124. (Previously Presented) The computer system of claim 114 wherein said processor is programmed to perform the steps of:

enabling said user to enter data in a first cell of said form; and  
preventing said user from entering data in a second cell of said form.

125. (Previously Presented) The computer system of claim 114 wherein said processor is programmed to perform the steps of:

receiving data in a first cell of said form; and  
in response to receiving said data in said first cell, automatically recording an identity of said user that entered said data.

126. (Previously Presented) The computer system of claim 114 wherein said processor is programmed to perform the steps of:

receiving data in a first cell of said form; and  
in response to receiving said data in said first cell, automatically recording a time when said user entered said data.

127. (Previously Presented) The computer system of claim 114 wherein said processor is programmed to perform the steps of:

receiving new data in a first cell of said form that changes original data in said first cell; and  
retaining said original data along with said new data.

128. (Previously Presented) The computer system of claim 127, wherein said processor is programmed to perform the steps of:

displaying said new data and said original data; and  
visually distinguishing said new data and said original data with at least one of the following: a marker, color difference, and flashing display.

129. (Previously Presented) The computer system of claim 114 wherein said processor is programmed to perform the steps of:

receiving data in a first cell of said form;

in response to receiving said data in said first cell, automatically performing a data integrity check upon said data to determine if said data is outside a range; and alerting said user of an error based upon said data integrity check.

130. (Previously Presented) The computer system of claim 114 wherein said processor is programmed to perform the steps of:

receiving a command from said user to select a first cell; and

displaying a menu of possible actions that may be undertaken in connection with said first cell.

131. (Previously Presented) The computer system of claim 130 wherein said possible actions comprise at least one of the following: making an entry into said first cell, changing data in said first cell, and showing details associated with said first cell.

132. (Cancelled)